

PD-AAR-250

LAN-41483

MONTHLY PROGRESS REPORT

FEBRUARY 1981

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1.0 SUMMARY

1.1 Project Milestones

	<u>Scheduled Date</u>	<u>Actual Date</u>
Contract Signing	5 Nov 77	5 Nov 77
Review of Feasibility Report	26 Jan 78	26 Jan 78
Advertise for Refinery Equipment	15 Feb 78	1 Feb 78
Presentation to Lenders - Amman	11 Apr 78	11 Apr 78
Town Site Contract Award	1 May 78	4 May 78
Approval of Solar Pan Construction Tender Documents	-	2 June 78
Townsite Contractor starts Mobilizing	-	7 June 78
Solar Pan Construction Tender Inquiry Issued	1 Aug 78	28 June 78
Solar Pan Contract Bids due	4 Oct 78	4 Oct 78
Advertise Power Plant Contract	14 Oct 78	16 Oct 78
Definitive Estimate Due	31 Dec 78	1 May 79
Solar Pan Contract Award	1 Jan 79	13 Jan 79
Solar Pan Contractor starts mobilizing	1 Feb 79	15 Jan 79
Approval of Refinery Mechanical Construction Tenders (Pre-Qualification)	1 Mar 79	12 Apr 79
Approval of Power Plant Construction Tenders (Pre-Qualification)	23 Feb 79	20 Mar 79
Refinery Mechanical Tender Inquiry Issued	5 Apr 79	10 May 79
Power Plant Contract Bids Due	7 July 79	7 July 79
Refinery Contract Bids Due	15 Aug 79	1 Oct 79
Refinery Contract Award	15 Dec 79	17 Jan 80
Power Plant Contract Award	15 Dec 79	11 Jan 80

1.0 SUMMARY - continued

1.1 Project Milestones - Continued

	<u>Original Scheduled Date</u>	<u>Current Forecast Date</u>	<u>Actual Date</u>
Refinery Contractor Letter of Intent	15 Dec. 79		17 Jan 80
Refinery Contractor Starts Construction	1 Apr. 80		15 May 80
Power Plant Contractor Starts Construction	1 May 80		1 Oct 80
Screening & Compaction Erection Contract Award	30 Oct. 80		26 Jan 80
Power Plant Mechanically Complete	1 Dec. 81	17 Jan 82	
Refinery Contractor Mechanically Complete	1 Dec. 81	17 Jan 82	
Screening & Compaction Erection Mechanically Complete	1 Dec. 81	17 Jan 82	
<u>Township</u>			
Housing - Lot 1	1 Feb 79		15 Jul 79
Housing - Lot 2	1 Jul 79		15 Feb 80
Housing - Lot 3	1 Feb 80	15 Apr 81	
Housing - Lot 4	1 Jun 80	15 Apr 81	
<u>Solar Pans (Partial completion for pan filling)</u>			
Salt Pan	1 Feb 81		20 Jan 81
PC-1	1 Mar 81	1 Mar 81	
PC-2	1 Apr 81	1 Apr 81	
C-1	1 May 80		8 Apr 80
C-2	1 Apr 81		2 Feb 81
C-3	1 Apr 82	1 Apr 82	
<u>Start-up Schedule</u>			
<u>Start Carnallite Deposition</u>			
C-1	1 Aug 81	1 Dec 81	
C-2	1 Aug 82	1 Oct 82	
C-3	1 Aug 83	1 Oct 83	
<u>Product Test Runs*</u>			
75% Test Run	1 Feb 83	1 Jun 83	
100% Test Run	1 Nov 83	1 Jan 84	

\*These dates based on assuming start of carnallite precipitation in accordance with above schedule.



### 1.3 Status of Project

#### JIL

Most of the mechanical, civil and structural drawings were received from Fried-Krupp and are being prepared for despatch to the Screening and Compaction system erection contractor.

Drawings and data from VA on Contract 10 and BBC on Contract 11 continued to be checked and approved. Both the operating test procedures for the harvester at site and purchase order for the future harvesters were finalized by JIL in Dublin.

Work continued on preparing drawings and a specification for the Product Haulage Trucks.

Work continued on the design of the second temporary brine supply pipeline.

#### AGP

At month end the progress of work by Sir Alexander Gibb and Partners in terms of man months expenditure was approximately as follows:-

Ratio of man months expenditure to end of January, 1981 to total man months expenditure programmed.	75%
---	-----

Estimated ratio of man months expenditure to end of February, 1981 to total man months expenditure programmed.	76%
--	-----

### 2.0 Engineering and Design

#### 2.1 JIL - Dublin

##### 2.1.1 Project Engineering

Meetings were held with Fried-Krupp in connection with the documentation requirements for the erection of the Screening and Compaction System. Most of these drawings arrived on 23.2.81 and arrangements are being made at month end to despatch these to the contractor and to site. Work continued on preparation of the specification of the Product Haulage Trucks and for the anchors.

Study commenced on the Solar Pan computer programme and it is planned to modify it to incorporate the changed operating sequence.

The BBC drawings on the Steam and Power Plant continued to be checked and approved.

2.0 Engineering and Design - Continued

2.1 JIL - Dublin - Continued

2.1.1 Project Engineering - Continued

Contractor furnished equipment drawings continued to be checked and approved during February.

The Operating Procedure for the harvester on site was finalized and the purchase order technical specification was completed for APC review in Rahco's offices in Spokane.

2.1.2 Instrumentation

Telemetry equipment was ordered and assembly got under way. This package will be ready for shipping 1st May, 1981. Scope of work regarding instrumentation was discussed and finalized with VA/BK.

Interconnections for Electrical Department was 95% complete at month end.

Hot Leach instrumentation changes were ordered from Foxboro (64-15) and Fishers (64-45).

2.1.3 Piping and mechanical Design

The main effort during the month was the review of the Water Treatment Package for the Steam and Power Plant, Contract 11.

Solar Pan drawings PD-129, Rev.2 and PD-132, Rev. 2 were updated to agree with minutes of meetings in Linz, July/August, 1980.

Preliminary review of the Turbine Area and Boiler Area piping drawings took place during the month. JIL do not as yet have enough drawings to complete this package. Work on BBC model has been stopped due to lack of information. BBC advised of situation. Work continues on Fried-Krupp model - and equipment now being placed in structure.

2.1.4 Civil/Structural Design

Besides the regular review of contractor's drawings and the answering of queries from the site the main effort this month was concentrated on issuing the Screening and Compaction Plant drawings for construction. While this should have consisted of merely printing the FKI drawings issued for the Contract No.12 tender, in practice it happened that fairly extensive revisions to the foundation drawings

2.0 Engineering and Design - Continued

2.1 JIL - Dublin - Continued

2.1.4 Civil/Structural - Continued

were necessary to eliminate various conflicts. FKI were approached with a view to obtaining their approval for the necessary alterations.

It also proved necessary to make minor revisions to JILI drawings to accommodate some of the above mentioned alterations. This work is now complete and the drawings should be issued early in March.

2.1.5 Electrical Design

A meeting was held with Fried-Krupp and Westinghouse Controlmatic to finalise drawings and documentation for the Screening and Compaction Plant.

The 11kv switchgear was inspected and a review meeting was held with Brown Boveri.

The process of approving Westinghouse and Brown Boveri drawings continued.

52 drawings were up-dated and re-issued during the month:-

- a) 26 of these drawings (single line diagrams, schematic and interconnection diagrams) were revised to include terminal numbers and cubicle numbers obtained from the BBC and Westinghouse construction issue drawings.
- b) 18 drawings were revised with information added for the purpose of greater clarification.
- c) 8 drawings were revised with minor changes. These changes relate to vendor data received too late for including in the Lump Sum Addendum No. 3 Agreement.

2.1.6 Building Services Design

Work continued on checking of Balfour-Kilpatrick drawings of the fire protection layouts in the maintenance building.

2.1.7 Architectural Design

Administration Building : (a) Noting agreed finishes changes by JILI at site during lumping up.

## 2.0 Engineering and Design - Continued

### 2.1 JIL - Dublin - Continued

#### 2.1.4 Civil/Structural - Continued

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Administration Building : (a) Noting agreed finishes changes by JILI at site during lumping up.

2.0 Engineering and Design - Continued

- Administration Building: (b) Selecting alternative tiles resulting from non-availability.
- (c) Updating drawings re (a) and (b) and issuing.
- Diesel Generator Building: (d) Updating drawings to show position of generator founds.
- General: (e) Reviewing list of outstanding vendor information.
- (f) Checking vendor drawings re roller shutter doors. Fire doors and steel doors. Correspondence and telexes re same.
- (g) Checking vendor drawings re aluminium windows and doors correspondence and telexes re same meeting with vendors.
- (h) Checking vendor drawings re partitions - correspondence and meeting with vendors.

2.2 AGP - Reading

2.2.1 Contract No. 2 - Permanent Township

Nothing to report.

2.2.2 Contract No. 3 - Solar Evaporation System

Civil Works

Design and working drawings were produced for the new temporary dike across PC2.

An amended layout of temporary brine supply pipeline showing the route of the new pipe was produced and issued.

Preliminary design of the new canal outfall pump station was started.

Mechanical and Electrical

Investigation into the new canal outfall pump station and temporary brine supply pipeline continued.

2.0 Engineering and Design - Continued

2.2 AGP - Reading - Continued

2.2.3 Contract No. 4 - Moveable Furniture

Nothing to report.

2.2.4 Contract No. 6 - Additional Buildings

Report on tenders was prepared and submitted to the Arab Potash Company. Discussions were held with the recommended tenderer with a view to pricing a bill of quantities for the Mosque.

Documents for external services to the additional buildings were prepared and issued to tenderers.

2.2.5 Contract No. 7 - Hospital Equipment

Nothing to report.

3.0 Carnallite Harvesting

During the month Rahco found a new supplier of barges for the Carnallite Harvester. Agreement was reached on the additional cost for U.S. - supplied barges and a meeting was arranged between APC, US. AID, JIL and Rahco in Spokane to finalize details and inspect facilities of barge suppliers.

4.0 JIL Contracts

Contract No. 10 with Voest Alpine

Work continued on monitoring and clarifying contractual points.

Contract No. 10 - Addendum 4.

(Contract No. 12) - Erection of Screening and Compaction Equipment by VA. Work continued on preparation of the contract documents with a projected signing date of mid-March, 1981.

5.0 Procurement - JIL

The following P.O.'s are complete and 100% payment has been made.

- 01-1 Centrifugal Pump - Mather & Platt.
- 01-2 Rotary Pumps - Mirrless
- 01-3 Fire Pumps - Aurora
- 01-5 Slurry Booster Pumps - Simon Worman
- 04-1 Thickener Mechanism - Esmil
- 05-1 Agitators - Philadelphia Gear
- 21-2 Centrifuges - Bird Machine Co.
- 21-4 Centrifuges - Bird Machine Co.
- 25-1 Product Dryer - Allis Chalmers
- 29-1 Wet Mechanical Handling - Preaismera
- 34-1 Truck Scales - Pfiser
- 40-6 Condensate Pump Set - Worthington-Simpson
- 58-2 Maintenance Building - Ward Bros.

Status of Remaining Purchase Orders

- 01-4 Process Slurry Pumps - Worthington Canada  
Original order complete. Amendments 4 and 5 due in May, 1981.
- 11-2 Plate Heat Exchangers - Alfa Laval.  
Expect to have the final 5% of plate in June, 1981.
- 16-1 Crystalliser System - Whiting Vermont.  
The last of the equipment on this order - 2 pumps were shipped from Canada on February 27th and are due Aqaba 15th March, 1981.
- 18-1 Cooling Towers - Marley Intl.

This equipment is booked for shipping on board the "NECKAR" sailing ex Houston March 1st and is due Aqaba April 5th, 81.

5.0 Procurement - JIL - Continued

- 08-1875-23-2           Product Hydrocyclones - Dorr Oliver.  
Delivery is scheduled for July, 1981.
- 08-1875-23-3           Tails Hydrocyclones - Krebs  
Shipped from Houston February 17th 1981 on board  
the Robert E. Lee ETA Aqaba is March 17th.
- 08-1875-29-2           Screening & Compaction - Fried Krupp  
Thirteen (13) part shipments have been made.  
This amounts to approximately 80% of the total  
order. Remaining 20% of P.O. will be shipped  
end of March, 1981.
- 08-1875-64-15           Process Instruments - Foxboro.  
The second part shipment left U.K. on February  
27th and is due Aqaba on March 18th:  
Additional equipment have been purchased on  
Amendments 4 and 5. The L.O.C. validity has  
been extended to August 15th 1981.
- 08-1875-64-44           Telemetering - Telectron  
Manufacturing is due to commence mid-March, 81.  
Testing is scheduled for mid-April, 81 and  
delivery Aqaba June 1st 1981.
- 08-1875-64-45           Control Valves - Fisher Controls  
Second shipment arrived Aqaba on Jan 18th. Two  
valves remain to complete the order.
- 08-1875-65-4           Electrical Switchgear - Westinghouse  
We still have not received from Westinghouse  
delivery status of equipment. They have  
submitted a progress schedule which is  
meaningless and unacceptable. We are  
expediting shipping schedule for all items.

\* = A.P.C.  
 \*\* = SELLER

PURCHASE ORDER STATUS REPORT

ATTACHMENT NO. 6.1

PURCHASE ORDER NO.	NAME OF SELLER	DATE P.O. SENT TO A.P.C. FOR SIGNING	DATE SIGNED P.O. RET'D FROM A.P.C. & ISSUED TO SELLER	DATE COUNTER-SIGNED COPY OF P.O. REC'D FROM SELLER	SIGNED COPY OF P.O. SENT TO A.P.C.	GUARANTEE'S			REMARKS
						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-01-1 Amendment 2	Mather & Platt Ltd. Mather & Platt Ltd.	11.6.1979 Signed in Dublin office 11.01.1980.	12.6.1979  ** mailed 16.1.'80	30.7.1979  20.5.1980	1.8.1979  23.5.'80				Mailed
08-1875-01-2 Amendment 2	Mirrlees Pumps Ltd. Mirrlees Pumps Ltd.	21.4.1979 Signed in Dublin office 11.01.1980	2.5.1979  ** mailed 16.1.'80	24.7.1979  30.1.1980	1.8.1979  1.2.1980				By Courier
08-1875-01-3	Aurora Pump	Signed in Dublin Office April 1979	20.4.1979	30.4.1979	29.6.1979				

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\* = A.P.C.  
 \*\* = SELLER

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PURCHASE ORDER NO.	NAME OF SELLER	DATE P.O. SENT TO A.P.C. FOR SIGNING	DATE SIGNED P.O. RET'D FROM A.P.C. & ISSUED TO SELLER	DATE COUNTER-SIGNED COPY OF P.O. REC'D FROM SELLER	SIGNED COPY OF P.O. SENT TO A.P.C.	GUARANTEE'S			REMARKS
						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-01-4	Worthington (Canada)	11.6.1979	12.6.1979	6.7.1979	1.8.1979				
Amendment 2	Worthington (Canada)		18.6.1979	9.11.1979	13.11.1979				Courier to Seller
Amendment 3	Worthington (Canada)	Signed in Dublin Office 11.01.1980	** mailed 16.1.'80	10.3.1980	13. 3.1980				Courier to APC
Amendment 4	Worthington (Canada)	30.6.1980 Courier	* 14.7.1980 ** 15.7.1980	25.9.1980	26.9.1980				
Amendment 5	Worthington (Canada)	13.8.1980 Courier.	* 9.9.1980 ** Courier 9/9/80	25.9.1980	26.9.1980				Courier

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\* = A.P.C.  
 \*\* = SELLER

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						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-01-5	Simon-Warman Ltd.	Hand Carried to APC by MMF 11.11.1979	22.11.1979 Ret'd 23.11.1979 Seller	10.12.1979	11.12.'79				
Amendment 2	Simon-Warman Ltd.	Dublin Office Signed, 11.01.1980	** mailed 16.1.'80	25.1.1980	28.1.1980				Mailed to APC

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						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-04-1	Esmil Envirotech Ltd.	Signed in Dublin Office April 1979	20.4.1979	24.5.1979	1.8.1979				
Amendment 2	Esmil Envirotech Ltd.	Signed in Dublin Office 11.01.1980	** mailed 16.1.'80	25.1.1980	28.1.1980				Mailed to APC
Amendment 3	Esmil Envirotech Ltd.	30.6.1980 Courier	* 14.7.1980 ** 15.7.1980	23.7.1980	29.7.1980				

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\* = A.P.C.

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PURCHASE ORDER STATUS REPORT

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						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-05-1	Philadelphia Gear Middle East Corp.	3.5.1979	9.5.1979	31.5.1979	29.6.1979				
Amendment 2	Philadelphia Gear	Signed in Dublin Office 11.01.'80	** mailed 16.1.'80	28.2.1980	29.2.1980 Courier				
08-1875-11-2	Alfa-Laval AB	21.4.1979	2.5.1979	24.5.1979	29.6.1979				
08-1875-16-1	Whiting-Fermont	11.6.1979	12.6.1979	9.8.1979	23.8.1979				
Amendment 2	Whiting-Fermont	8.8.1979	5.9.1979	12.9.1979	7.9.1979				
Amendment 3	Whiting-Fermont	Signed in Dublin Office 11.01.'80	** mailed 16.1.'80	28.01.1980	1.02.1980				By Courier
Amendment 4	Whiting-Fermont	12.5.1980 Courier	4.6.1980	11.6.1980	13.6.1980				Courier

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						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-18-1	Marley International Inc.	Signed in Dublin Office April 1979	20.4.1979	24.5.1979	1.8.1979				
Amendment 3	Marley Inter. Inc.	Hand Carried to APC by MMF 11/11/'79	4.12.1979 Courier 5.12.1979	25.2.1980	25.2.1980 Courier				Letter of Credit enclosed with purchase order
08-1875-21-2	Bird Machine Co.	3.5.1979	9.5.1979	August '79	1.8.1979				
Amendment 3	Bird Machine Co.	Signed in Dublin Office 11.01.'80	** mailed 16.1.'80	25.2.1980	25.2.1980 Courier				

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						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-21-4	Bird Machine Co.	3.5.1979	9.5.1979	August '79	1.8.'79				
Amendment 3	Bird Machine Co.	21.12.1979 Courier	9.1.1980 10.1.1980	29.01.1980	29.01.1980				
Amendment 4	Bird Machine Co.	Signed in Dublin office 11.01.'80	** mailed 16.1.'80	4.02.1980	8.02.1980				By Courier By Courier
08-1875-22-1	Eimco Process Mach. Division.	3.5.1979	9.5.1979	18.6.'79	1.3.'79				
Amendment 3	Eimco Process Mach.	Signed in Dublin office 11.01.'80	** mailed 16.1.'80	8.0.1980	10.4.1980 Courier				
08-1875-23-2	Dorr-Oliver Inc.	Signed in Dublin Office April 1979	20.4.1979	14.5.'79	1.8.'79				
Amendment 3	Dorr-Oliver Inc.	26.10.1979	15.11.1979	20.12.1979	21.12.1979 Courier				

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						PERFORMANCE GUARANTEE FOR 102	BANK GUARANTEE FOR 153	BANK GUARANTEE FOR 254	
08-1875-25-1	Allis-Chalmers	15.6.1979	20.6.1979	3.10.1979	5.10.'79				Hand Carried to A.P.C. by M.E.
Amendment 2	Allis-Chalmers	3.10.1979	16.10.1979		5.10.'79				Telex from APC (courier to Seller)
3	Allis-Chalmers	11.3.1980 Courier	* 25.3.1980 ** 27.3.1980	15.4.1980	25.4.1980				
4	Allis-Chalmers	25.3.1980 Courier	* 8.4.1980 ** 9.4.1980	15.4.1980	25.4.1980				
08-1875-29-1	Precismeca S.A.	9.7.1979	25.7.1979	21.9.'79	25.9.'79				Hand carried to A.P.C.
Amendment 2	Precismeca S.A.	5.9.'80 Courier	* 25.9.1980 ** 26.9.1980 Courier.	14.10.'80	17.10.80 Courier				
08-1875-29-2	Freid Krupp Gmbh (Draft Purchase Order)		By courier to Seller 20.12.1979						
08-1875-29-2	Fried Krupp Gmbh	25.01.1980 Courier	* Returned 12/2/80 ** Courier 14/2/80	20.2.1980	21.2.1980 Courier				
Amendment 2	Fried Krupp Gmbh	12.5.1980 Courier	** 29.5.1980	23.6.1980	27.6.1980				

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						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-0875-29-2 Amendment 3	Fried Krupp GMBH	22nd July 1980	* 9.9.1980 ** Hand Carried 9.9.1980 (F.K.)	15.9.1980	16.9.1980 Courier				

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						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-34-1	Pfister Waagen Gmbh	11.6.1979	12.6.1979	25.9.1979	27.9.'79				By Courier
Amendment 2	Pfister Waagen Gmbh	9.7.1979	25.7.1979	25.9.1979	27.9.'79				
Amendment 3	Pfister Waagen Gmbh	Signed in Dublin Office 11.01.'80	** mailed 16.1.'80	4.02.1980	8.02.1980				
08-1875-39-1	Rahco Disc Inc.	Signed in Washington Sept.13th.'79	Issued to Seller at meeting in Washington	13.9.1979	20.9.'79				By Courier
Amendment 1	Rahco Disc Inc.	12.9.1980 Courier.							
Amendment 2	Rahco Disc Inc.	7.11.1980 Hand Carried (MMF)	5.12.1980						
08-1875-39-3	GPE Teo Ltd.	Hand carried to APC by DG	8.10.1979	12.10.1979	18.10.'79				By Courier
Amendment 2	GPE Teo Ltd.	Signed in Dublin Office 11.01.'80	** mailed 16.1.'80	31.01.1980	1.02.'80				

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\* = A.P.C.  
 \*\* = SELLER

PURCHASE ORDER STATUS REPORT

ATTACHMENT NO. 6.1

PURCHASE ORDER NO.	NAME OF SELLER	DATE P.O. SENT TO A.P.C. FOR SIGNING	DATE SIGNED P.O. RET'D FROM A.P.C. & ISSUED TO SELLER	DATE COUNTER-SIGNED COPY OF P.O. REC'D FROM SELLER	SIGNED COPY OF P.O. SENT TO A.P.C.	GUARANTEE'S			REMARKS
						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-40-6	Worthington-Simpson Ltd.	3.5.1979	9.5.1979	18.5.1979	29.6.1979				
08-1875-58-2	Ward Brothers (Sherburn) Ltd.	9.7.1979	25.7.1979	8.8.1979	23.8.1979				Mailed to APC
Amendment 2	Ward Brothers.	Signed in Dublin Office 11.01.'80	** mailed 16.1.'80	25.01.1980	28.01.1980				
Amendment 3	Ward Brothers	5.11.1980 Courier	* 12.1.1981 ** 13.1.1981	2.2.1981	3.2.1981				
08-1875-64-15	Foxboro-Yoxall Ltd.	22.6.1979	(1) 25.7.1979 (2) 20.8.1979	21.9.1979	21.9.1979				
08-1875-64-15 Amendment 2	Foxboro-Yoxall Ltd.,	14.11.80 Courier	* 23.11.1980 **25.11.1980 Hand Carried	1.12.1980	1.12.1980 Courier				

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\* = A.P.C.  
 \*\* = SELLER

PURCHASE ORDER STATUS REPORT

ATTACHMENT NO. 6.1

PURCHASE ORDER NO.	NAME OF SELLER	DATE P.O. SENT TO A.P.C. FOR SIGNING	DATE SIGNED P.O. REC'D FROM A.P.C. & ISSUED TO SELLER**	DATE COUNTER-SIGNED COPY OF P.O. REC'D FROM SELLER	SIGNED COPY OF P.O. SENT TO A.P.C.	GUARANTEE'S			REMARKS
						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-64-45	Fisher Controls Ltd.	9.7.1979	25.7.1979	2.01.1980					
Amendment 3	Fisher Controls	By Courier 13.11.1979	* 4.12.1979 Courier 4.12.79		2.01.'80 Courier				
Amendment 4	Fisher Controls	Signed in Dublin Office 11.01.'80	** mailed 16.1.'80						
08-1875-65-4	Westinghouse Electric	By Courier 13.11.1979	* 4.12.1979 Courier 5.12.1979	10.1.1980	11.1.1980				
08-1875-65-4 Amendment 2	Westinghouse Electric	Signed in Dublin Office 10.1.1980	Signed in Dublin Office 10.1.80 **	10.1.1980	11.1.1980				
Amendment 3	Westinghouse Electric	By Courier 27.3.1980	* 9.4.1980 ** 11.4.1980						
Amendment 4	Westinghouse Electric	By Courier 26.9.1980	* 13.10.1980 **14.10.1980 Courier						
Amendment 5	Westinghouse Electric	25.11.1980 Courier	* 8.12.1980 ** 12.12.1980						

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\* = A.P.C.  
 \*\* = SELLER

CHASE ORDER STATUS REPORT

ATTACHMENT NO. 6.1

PURCHASE ORDER NO.	NAME OF SELLER	DATE P.O. SENT TO A.P.C. FOR SIGNING	DATE SIGNED P.O. RET'D FROM A.P.C. & ISSUED TO SELLER	DATE COUNTER-SIGNED COPY OF P.O. REC'D FROM SELLER	SIGNED COPY OF P.O. SENT TO A.P.C.	GUARANTEE'S			REMARKS
						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-23-3	Krebs Engineers Int	30.4.'80 by Courier	* 14.5.1980 ** 15.5.1980 By Courier	27.5.1980	28.6.1980				
08-1875-64-44	Telectron Instrumentation Systems Ltd.	9.5.1980 Courier.	* 23rd. May 1980 ** 29th.. May 1980	17th.June '80	18th.June 80				

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\* = APC  
 \*\* = SELLER

PURCHASE ORDER & US REPORT

ATTACHMENT NO. 6.1

PURCHASE ORDER NO.	NAME OF SELLER	DATE P.O. SENT TO A.P.C. FOR SIGNING	DATE SIGNED P.O. RET'D FROM A.P.C. & ISSUED TO SELLER	DATE COUNTER-SIGNED COPY OF P.O. REC'D FROM SELLER	SIGNED COPY OF P.O. SENT TO A.P.C.	GUARANTEE'S			REMARKS
						PERFORMANCE GUARANTEE FOR 10%	BANK GUARANTEE FOR 15%	BANK GUARANTEE FOR 25%	
08-1875-39-4	Rahco Disc. Inc.	Signed in Amman Jordan 18.1.1981	Signed in Amman 18.1.1981  P.O. to Seller By Hand (KB) 26.2.1981	-	27.1.1981				

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